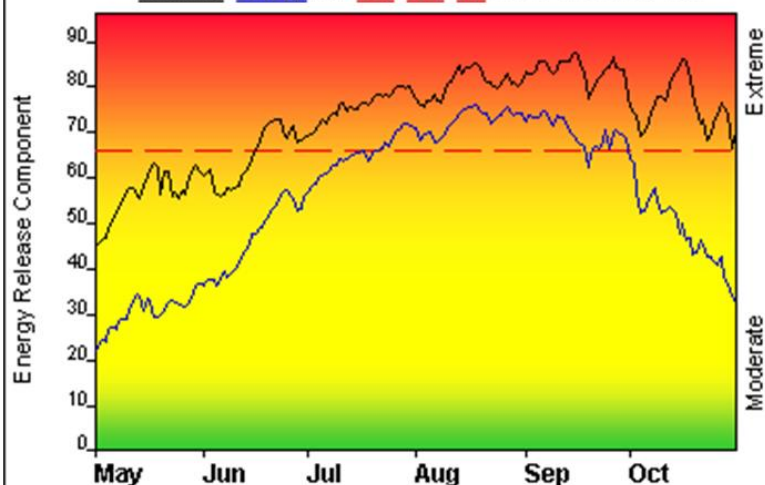


FIRE DANGER -- Shasta-Trinity National Forest

Maximum, Average, and 60th Percentile, based on 12 years data



Fire Danger Area:

- Fire Danger Rating Areas:
- 230, 238, 240, 241, 243
- * Meets NWCG Wx Station Standards



Fire Danger Interpretation:



- EXTREME** -- Use extreme caution
- (Caution)** -- Watch for change
- Moderate** -- Lower Potential, but always be aware

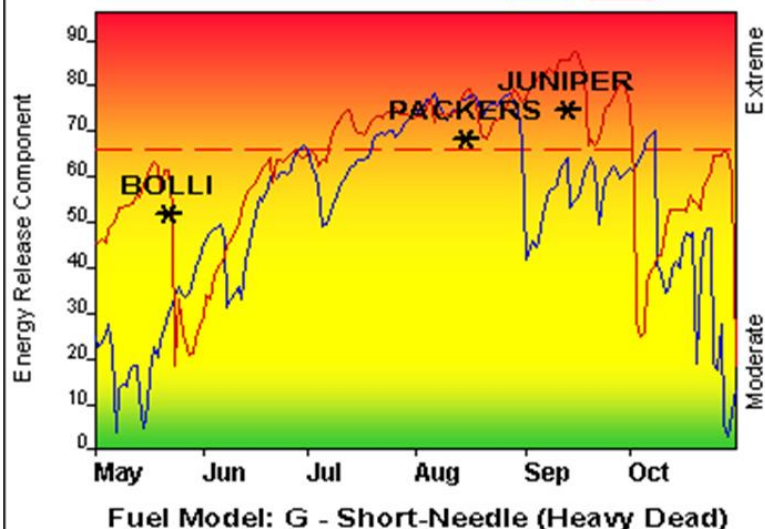
Maximum -- Highest Energy Release Component by day for 2000 - 2011

Average -- shows peak fire season over 12 years (2207 observations)

60th Percentile -- Only 40% of the 2207 days from 2000 - 2011 had an Energy Release Component above 66

Local Thresholds - Watch out: Combinations of any of these factors can greatly increase fire behavior:
20' Wind Speed over 3 mph, RH less than 21%,
Temperature over 73, Burning Index over 30

Years to Remember: 2000 2008



Fuel Model: G - Short-Needle (Heavy Dead)

Remember what Fire Danger tells you:

- ✓ Energy Release Component gives seasonal trends calculated from 2 pm temperature, humidity, daily temperature & rh ranges, and precip duration.
- ✓ Wind is NOT part of ERC calculation.
- ✓ Watch local conditions and variations across the landscape -- Fuel, Weather, Topography.
- ✓ Listen to weather forecasts -- especially WIND.

Past Experience:

Dry Lightning July - September produces multiple starts

Large fire growth common under little or no wind.

10hr fuel moisture 5 or less may result in extreme fire behavior. Ten acre fires can begin with 43 in the mid 30's and larger fires significantly increase with BF's of 55 or higher.

Bolli fire 730 acres, Packers fire 6.5 acres, Juniper fire 12.4 acres these fires are examples of early, mid and late season potential.

Raws stations used: Mt Shasta, Round Mtn, Ash Creek, Big Bar, Hayfork, Yolla Bolla, Friend Mtn, Sugarloaf, Pattymocus. revised 05/01/2012

Responsible Agency: Shasta-Trinity National Forest

FF+4.1 Beta 06/10/2012-11:02 (C:\Documents and Settings\mluke\My Docum... \SHF1_v3)

Design by NWCG Fire Danger Working Team